

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Genelle K. Farley

GENERAL INFORMATION:

Name:	Curtis-Maruyasu America, Inc.
Address:	665 Metts Drive, Lebanon, KY 40033
Date application received:	December 19, 1996
SIC/Source description:	3714
EIS #:	21-155-00021
Application log number:	50142
Permit number:	F-01-029

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM10	3.473	24.478
TSP	3.509	24.377
SO <sub>2</sub>	0.00381	0.011
NO <sub>x</sub>	0.631	1.778
CO	0.533	1.502
VOC	15.461	111.13
Toluene	0.4665	1.314
Isophorone	2.261	127.387
Xylene	0.186	0.526
Methyl Isobutyl Ketone	0.186	0.526
Chromium Trioxide	0.000214	0.006022
HAPS TOTAL	3.099	129.759

## SOURCE PROCESS DESCRIPTION:

Curtis Muruyasu America, Inc., of Lebanon, Kentucky, is an automotive accessories plant that manufactures fuel and brake tubing from copper plated, low carbon steel strips. Their process includes roll forming, electric furnace brazing, zinc electroplating, chromate conversion coating, and paint which are included in the fluoride coating line.

## EMISSION AND OPERATING CAPS DESCRIPTION:

The emissions from the fluoride coating line are controlled by an afterburner with an efficiency of 95%. The process results in the emission of isophorone, a hazardous air pollutant (HAP). The actual emission of isophorone from this unit will be less than 10 tons per year, however the potential to emit would make this a major source and a Title V permit would be required. The company has opted to make the operation of the control equipment federally enforceable.

1. Volatile organic compound (VOC) emissions shall not equal or exceed 90 tons per year based on a 12 month rolling total for the entire source to preclude a major source Title V review.
2. Hazardous air pollutants (HAPS) emissions shall not equal or exceed 10 tons per year individually and 22.5 tons per year combined based on a rolling 12 month total for the entire source to preclude a major source Title V review.